Resource Summary Report

Generated by dkNET on Apr 22, 2025

Phyutility

RRID:SCR_018545
Type: Tool

Proper Citation

Phyutility (RRID:SCR_018545)

Resource Information

URL: https://github.com/blackrim/phyutility

Proper Citation: Phyutility (RRID:SCR_018545)

Description: Command line program that performs analyses or modifications on both trees and data matrices. Software phyloinformatics tool for trees, alignments and molecular data. Used for summarizing and manipulating phylogenetic trees, manipulating molecular data and retrieving data from NCBI.

Resource Type: software resource, data processing software, data analysis software, software application

Defining Citation: PMID:18227120

Keywords: Data matrice analysis, data matrice modification, phyloinformatics, phylogenetic tree, alignment, molecular data manipulation, data analysis

Funding: NSF Cyberinfrastructure for Phylogenetic Research EF 0331654

Availability: Free, Freely available

Resource Name: Phyutility

Resource ID: SCR_018545

Alternate IDs: OMICS_21687

Alternate URLs: https://sources.debian.org/src/phyutility/

Record Creation Time: 20220129T080340+0000

Record Last Update: 20250422T060106+0000

Ratings and Alerts

No rating or validation information has been found for Phyutility.

No alerts have been found for Phyutility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 40 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Torrado H, et al. (2025) Evolutionary Genomics of Two Co-occurring Congeneric Fore Reef Coral Species on Guam (Mariana Islands). Genome biology and evolution, 17(1).

Masters LE, et al. (2024) Phylogenomic analysis reveals five independently evolved African forage grass clades in the genus Urochloa. Annals of botany, 133(5-6), 725.

Jiang S, et al. (2024) Russula rubrosquamosa (Russulaceae, Russulales), a new species from southwestern China. Mycoscience, 65(4), 162.

Carruthers T, et al. (2024) Repeated upslope biome shifts in Saxifraga during late-Cenozoic climate cooling. Nature communications, 15(1), 1100.

Liu B, et al. (2024) Morphology and Molecular Phylogeny of the Genus Stigeoclonium (Chaetophorales, Chlorophyta) from China, Including Descriptions of the Pseudostigeoclonium gen. nov. Plants (Basel, Switzerland), 13(5).

Zeng YP, et al. (2024) Complete mitochondrial genome sequence of Butyriboletus hainanensis (Boletales, Basidiomycota). Mitochondrial DNA. Part B, Resources, 9(1), 46.

Qin HZ, et al. (2024) Pseudophylloporus Gen. nov. and Rubroleccinum Gen. nov., Two New Genera Revealed by Morphological and Phylogenetic Evidences in the Family Boletaceae from Subtropical China. Journal of fungi (Basel, Switzerland), 10(12).

Ling LZ, et al. (2024) Divergence in MiRNA targeting of AchAco and its role in citrate accumulation in kiwifruit. BMC plant biology, 24(1), 1157.

Gastineau R, et al. (2023) Morphological and molecular characterisation of Tristoma integrum Diesing, 1850 (Monogenea, Capsalidae), including its complete mitogenome. Parasite (Paris, France), 30, 16.

Lescroart J, et al. (2023) Extensive Phylogenomic Discordance and the Complex Evolutionary History of the Neotropical Cat Genus Leopardus. Molecular biology and evolution, 40(12).

Xiong H, et al. (2022) Species Tree Estimation and the Impact of Gene Loss Following Whole-Genome Duplication. Systematic biology, 71(6), 1348.

Chen Y, et al. (2022) Morphological Characteristics and Molecular Evidence Reveal four New Species of Russula subg. Brevipedum from China. Journal of fungi (Basel, Switzerland), 9(1).

Bowles AMC, et al. (2021) Evolutionary Origins of Drought Tolerance in Spermatophytes. Frontiers in plant science, 12, 655924.

Lindsey CR, et al. (2021) Phylotranscriptomics points to multiple independent origins of multicellularity and cellular differentiation in the volvocine algae. BMC biology, 19(1), 182.

Pillon Y, et al. (2021) Phylogenomics and biogeography of Cunoniaceae (Oxalidales) with complete generic sampling and taxonomic realignments. American journal of botany, 108(7), 1181.

Zorrilla VO, et al. (2021) Comparison of sand fly trapping approaches for vector surveillance of Leishmania and Bartonella species in ecologically distinct, endemic regions of Peru. PLoS neglected tropical diseases, 15(7), e0009517.

Liu JW, et al. (2021) Squamanitaceae and three new species of Squamanita parasitic on Amanita basidiomes. IMA fungus, 12(1), 4.

Li MX, et al. (2021) Four New Species of Hemileccinum (Xerocomoideae, Boletaceae) from Southwestern China. Journal of fungi (Basel, Switzerland), 7(10).

Lee AK, et al. (2021) Reconstructing Dipsacales phylogeny using Angiosperms353: issues and insights. American journal of botany, 108(7), 1122.

Mabry ME, et al. (2020) Phylogeny and multiple independent whole-genome duplication events in the Brassicales. American journal of botany, 107(8), 1148.